

Form PTO 1449 Rev. 7-80		U.S. Department of Commerce Patent and Trademark Office	Att'y. Docket No. CH-8048/LeA 36,561	Serial No. 10/771,651
LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)		Applicant Sir John Muerig Thomas et al		
		Filing Date February 3, 2004		Group 1625

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JM	(Ref to corresp. to EP 04 61 541) 5,243,070	09/07/1993	Meul	562	401	
AB						
AC						
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AI						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
JM	AL	0 808 824	05/24/96	Europe				
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	AR	
	AS	
	AT	

EXAMINER	<i>Parry et al</i>	DATE CONSIDERED	<i>8/27/06</i>
EXAMINER Initial if references considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.			

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL & TRADEMARK SEARCHED	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

JP	AR	Pure Appl. Chem., Vol. 73, No. 2, pp. 381-394, 2001, L. B. McCusker et al., "Nomenclature of Structural and Compositional Characteristics of ordered Microporous and Mesoporous Materials with Inorganic Hosts"
		Tetrahedron Asymmetry Vol. 5, No. 4, pp. 675-690, 1994, Elsvier Science Ltd., J. P. Genet et al., "Enantioselective Hydrogenation Reactions with a Full Set of Preformed and Prepared <i>In Situ</i> Chiral Diphosphine-Ruthenium (II) Catalysts"
JP	AS	Tetrahedron: Asymmetry 13 (2002), pp. 1379-1384, A. Ferrand et al "Hydrophilic diamine ligands for catalytic asymmetric hydrogenation of C=O bonds" <i>duplicate</i>
		AT
EXAMINER	Jasper U746	DATE CONSIDERED

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	Applicant Sir John Meurig Thomas		
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U.S. PATENT DOCUMENTS

EXAMINER TRADEPARTIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA					
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL							
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	AN							
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OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

JP	AR	J. Am. Chem. Soc., 1992, 114, pp. 10834-10843, J. S. Beck et al, "A New Family of Mesoporous Molecular Sieves Prepared with Liquid Crystal Templates"
JP	AS	T. Mallat et al., Fine Chemicals through Heterogeneous Catalysis, Wiley-VCH, 2001, p. 449-460, "8.10 Enantioselective Hydrogenation with Solid Catalysts"
	AT	

EXAMINER	DATE CONSIDERED
Pasterczyk	8/17/06

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Form PTO-1449 Rev. 7-10 U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT Several Sheets If Necessary <i>JUL 19 2004</i>			Atty. Docket No. CH8048/LeA 36,561	Serial No. 10/771,651
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			Filing Date February 3, 2004	Group 1625

U.S. PATENT DOCUMENTS

EXAMINER <i>JP</i>	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JP</i>	AA 2002/0173683	11/21/02	Chen	585	250	
	AB					
	AC					
	AD					
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	AH					
	AI					
	AJ					
	AK					

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
<i>JP</i>	AL	01/74829	10/11/01	World Patent				
<i>JP</i>	AM	100 02 975	07/26/02	Germany				<input checked="" type="checkbox"/>
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>JP</i>	AR	Tetrahedron: Asymmetry, 13, (month unavailable) 2002, pages 1379-1384, A. Ferrand, et al, "Hydrophilic diamine ligands for catalytic asymmetric hydrogenation of C=O bonds"				
	AS					
	AT					

EXAMINER <i>Patent 7/06</i>	DATE CONSIDERED <i>8/17/06</i>
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